

Amendments to the Claims

This listing of the claims replaces all prior versions and listings of the claims in the application.

Listing of the Claims

Claims 1-25 (Cancelled)

26. (Currently Amended) A method for displaying information on a display device, the method comprising:

receiving a rotation set comprising a list identifying pages to be displayed in a predetermined sequence;

determining if each page identified in the rotation set is stored in a cache associated with the display device;

retrieving, from the cache, pages identified in the rotation set that are stored in the cache;

sending at least one request for pages identified in the rotation set that are not stored in the cache to a remote server;

receiving the requested pages in response to the at least one request;

storing the received pages in the cache;

displaying each page of the rotation set, wherein the pages are retrieved from the cache and displayed in the predetermined sequence repeatedly until a new rotation set is received;

receiving a notice of a change to a rotation set;

transmitting a request for a page containing the changed data in response to the notice;

and

receiving a page containing the changed data.

27. (Original) The method of claim 26, wherein the rotation set further indicates a time period, corresponding to each identified page, for displaying the identified page, and each page is displayed for the time period corresponding to the page.

28. (Original) The method of claim 26 wherein the rotation set comprises an extensible markup language (XML) document.

29. (Original) The method of claim 26 wherein the at least one request is sent using hypertext transfer protocol (HTTP).

30. (Original) The method of claim 26, wherein displaying the page comprises displaying the page using a web browser.

31. (Currently Amended) A system for displaying information on a set of displays comprising:

- a database for storing data to be displayed;

- at least one server adapted to:

- respond to a change in the stored data to be displayed by identifying at least one display device displaying previously stored data and notifying the at least one display device of the change in the stored data;

- receive a request for a page containing the changed data;

- generate the requested page; and

- send the page to a display device that displays the page in response to the received request; and

- the at least one display device adapted to:

- receive a rotation set comprising a list identifying pages to be displayed in a predetermined sequence;

- determine if each page identified in the rotation set is stored in a cache associated with the display device;

- retrieve, from the cache, pages identified in the rotation set that are stored in the cache;

- send at least one request for pages identified in the rotation set that are not stored in the cache to at least one server;

- receive the requested pages in response to the at least one request;

- store the received pages in the cache; and

- display each page of the rotation set, wherein the pages are retrieved from the cache and displayed in the predetermined sequence repeatedly until a new rotation set is received;

- transmit the request for the page containing the changed data; and

- receive the page containing the changed data.

32. (Previously Presented) The system of claim 31, wherein the database notifies the at least one the server when the data to be displayed has changed.

33. (Previously Presented) The system of claim 31, wherein the at least one server comprises a configuration management module adapted to identify rotation sets that include at least one page affected by the change in the stored data, with each rotation set comprising a list of pages to be displayed by a display device to which the rotation set is assigned.

34. (Previously Presented) The system of claim 33 wherein the at least one server is adapted to notify the at least one display device by sending, to the at least one display device, a rotation set that includes at least one page affected by the change in the stored data.

35. (Previously Presented) The system of claim 34 further comprising a local cache associated with the at least one display device, wherein each local cache stores pages identified in the rotation set for the associated display device and the associated display device displays each page identified in rotation set assigned to the display device until the display device receives a rotation set that does not identify the page.

36. (Original) The system of claim 33 wherein the configuration management module is further adapted to store data regarding the content and layout of the at least one page.

37. (Previously Presented) The system of claim 31 wherein the at least one server is further adapted to maintain an open connection with each display device, with the notification of the change in the stored data sent using the open connection.

38. (Previously Presented) The system of claim 31 wherein the at least one server further comprises a cache for storing previously requested pages and the at least one server is

adapted to retrieve, from the cache, requested pages stored in the cache to send to the display device that displays the page.

39. (Previously Presented) The system of claim 31 wherein the at least one server further comprises a page maker module adapted to generate the requested pages using the changed data in the database and using formatting data defining the content and layout of the pages.

40. (Original) The system of claim 39 wherein the page maker module includes at least one panel generator for generating panels, with each page constructed from a plurality of panels as defined by the formatting data.

41. (Previously Presented) The system of claim 31, further comprising a site cache that stores pages displayed by a plurality of different display devices, wherein the site cache is adapted to respond to a request for a page stored in the site cache by sending the requested page to a display device that requested the page.

42. (Previously Presented) An article comprising a machine-readable medium storing instructions for causing one or more processors to perform operations comprising:

- receiving a list of pages to be displayed;
- retrieving, from a local cache, pages in the list that are stored in the local cache;
- requesting, from a remote server, pages in the list that are not stored in the local cache;
- receiving pages from the remote server;
- storing the received pages in the local cache;
- displaying the pages in the list in a repeating sequence, using the pages stored in the local cache, until a new list of pages is received;
- receiving a notice of a change to the list of pages;
- transmitting a request for a page of the list of pages containing the changed data in response to the notice; and
- receiving the page containing the changed data.

43. (Original) The article of claim 42 wherein the list of pages comprises a uniform resource locator (URL) associated with each page and a specific page is requested from the remote server using a hypertext transfer protocol (HTTP) request containing the URL associated with the specific page.

44. (Original) The article of claim 42 wherein the machine-readable medium stores instructions for causing one or more processors to perform further operations comprising displaying each page in the list of pages for a predetermined amount of time in each repetition of the repeating sequence.

45. (Original) The article of claim 42 wherein the machine-readable medium stores instructions for causing one or more processors to perform further operations comprising: receiving a new list of pages;

identifying pages in the new list that differ from the pages stored in the local cache; and requesting the identified pages from the remote server.

46. (Original) The article of claim 42 wherein an extensible markup language (XML) document contains the list of pages.

47. (Previously Presented) The method of claim 26 further comprising identifying at least one rotation set that identifies the page containing the changed data.

48. (Previously Presented) The method of claim 26 wherein the rotation set specifies a uniform resource locator for at least one page to be displayed.

49. (Previously Presented) The method of claim 26 wherein the rotation set specifies an amount of time for which the at least one page is to be displayed.

50. (Previously Presented) The method of claim 26 wherein receiving the notice of the change to the rotation set includes receiving at least one rotation set, with the pages identified by the at least one rotation set reflecting the change in the displayed data.

51. (Previously Presented) The method of claim 26 wherein hypertext transfer protocol (HTTP) is used to transmit the page to the display device.

52. (Previously Presented) The method of claim 26 further comprising sending instructions to request pages that contain changed data in response to receiving a rotation set.

53. (Previously Presented) The method of claim 26 further comprising receiving instructions to display the pages identified by a received rotation set at least until receiving a new rotation set.

54. (Previously Presented) The method of claim 53 wherein the instructions comprise portable, platform independent code.

55. (Previously Presented) The method of claim 53 wherein hypertext transfer protocol (HTTP) is used to transmit the instructions to the display device to display the pages identified by a received rotation set.

56. (Previously Presented) The method of claim 26 wherein each page comprises a plurality of panels further comprising:
identifying a panel that contains the changed data; and
identifying the page that contains the identified panel.

57. (Previously Presented) The method of claim 56 wherein the panel that contains the changed data and the page that contains the identified panel are identified using XML code.

58. (Previously Presented) The method of claim 26 further comprising receiving an indication of the change in the rotation set.

59. (Previously Presented) The method of claim 26 further comprising storing the page containing the changed data for access by the display device.

60. (Previously Presented) The method of claim 26, wherein the page is defined using hypertext markup language (HTML).

61. (Previously Presented) The method of claim 26 wherein the page containing the changed data includes a plurality of panels, the method further comprising:
identifying at least one panel that contains the changed data;
retrieving the changed data; and
generating the at least one identified panel using the changed data, wherein generating the page containing the changed data is performed using the at least one identified panel.

62. (Previously Presented) The method of claim 61 further comprising retrieving the at least one panel containing the changed data from a cache in response to receiving the request, wherein generating the at least one panel containing the changed data is performed in response to a previously received request for the at least one panel containing the changed data.

63. (Previously Presented) The method of claim 26 wherein a name of the page containing the changed data specifies the changed data to be retrieved.

64. (Previously Presented) The method of 26 wherein the request complies with the hypertext transfer protocol.

65. (Previously Presented) The method of claim 26 further comprising displaying the page containing the changed data in a web browser.